ABSTRACT OF THE DISCLOSURE

[0065]   A system and method for provisioning provisionable network devices with a dynamically created boot file using a server. A dynamic configuration server (DCS) generates one or more boot file templates, each boot file template comprising attributes having a name and value. A boot file request comprising a boot file template identifier is received by the DNS from a provisionable network device. The DCS uses the boot file template identifier to select a boot file template for the provisionable network device and to assign attribute values to the attributes of the selected boot file template. The boot file is used to provision the provisionable network device.